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P A T E N T

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

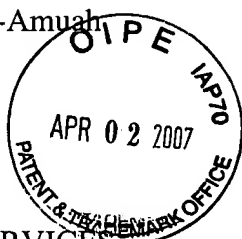
Applicant: Michael K. Bowman-Amuah

Serial No: 09/387,654

Filed: August 31, 1999

Title: TRANSACTION SERVICES  
PATTERNS IN A NETCENTRIC  
ENVIRONMENT

Docket No: 60021-327501



Group Art Unit: 3629

Examiner: Michael J. Fisher

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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*Debra J. Bruck*  
Debra J. Bruck

*3-30-07*  
Date

**REQUEST FOR CORRECTED FILING RECEIPT**

Dear Sir:

Please amend the title for the above-identified application to read TRANSACTION SERVICES PATTERNS IN A NETCENTRIC ENVIRONMENT.

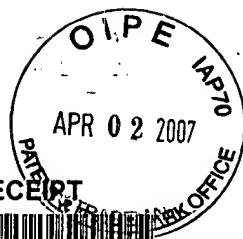
Please correct the title and send us a corrected filing receipt. Attached for your reference, is a red-lined copy of the Filing Receipt showing the amended patent application title, and a copy of the Amendment After Allowance.

The Commissioner is authorized to charge any fees associated with this filing to Deposit Account No. 50-1901 (Reference No. 60021-327501).

Respectfully submitted,

By *Christopher R. Hilberg*  
Christopher R. Hilberg, Reg. No. 48,740

Customer No. 29838  
OPPENHEIMER WOLFF & DONNELLY LLP  
45 South Seventh Street, Suite 3300  
Minneapolis, Minnesota 55402  
Telephone: 612-607-7237

**CORRECTED FILING RECEIPT**

\*OC00000005229046\*

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**Address: ASSISTANT SECRETARY AND  
COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/387,654	08/31/1999	2766	890	AND1P275	118	18	3

HICKMAN STEPHENS & COLEMAN LLP  
PO BOX 52037  
PALO ALTO, CA 943030746

Date Mailed: 07/10/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

**Applicant(s)**

MICHEL K. BOWMAN-AMUAH, COLORADO SPRINGS, CO ;

**Continuing Data as Claimed by Applicant****Foreign Applications**

If Required, Foreign Filing License Granted 09/17/1999

-

**Title**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR TRANSACTION SERVICES  
PATTERNS IN A NETCENTRIC ENVIRONMENT**Preliminary Class**

380

Data entry by : JONES, KIMBERLY

Team : OIPE

Date: 07/10/2000



REC'D JUL 18 2000

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."

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Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michel K. Bowman-Amuah

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P.O. Box 1450  
Alexandria, VA 22313-1450

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Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Debra J. Bruck 3-30-07  
Debra J. Bruck Date

**AMENDMENT AFTER ALLOWANCE**

Dear Sirs:

Applicant kindly requests that the following amendments be entered in order that the  
Title, Summary of the Invention and Abstract better describe the invention based on the allowed  
claims.

### **Amendments to the Specification**

Please replace the "Title" with the following rewritten "Title":

SYSTEM AND METHOD FOR TRANSACTION SERVICES PATTERNS IN A  
NETCENTRIC ENVIRONMENT

Please replace lines 3-9 of page 4 of the "Summary of the Invention" with the following paragraph. This amendment will allow the Summary to reflect the allowed claims.

**Page 4, lines 3-9:**

~~A system, method and article of manufacture are provided~~ The present disclosure provides for implementing transaction services patterns. Logical requests are batched for reducing network traffic. A batched request is allowed to indicate that it depends on the response to another request. A single message is sent to all objects in a logical unit of work. Requests that are being unbatched from a batched message are sorted. Independent copies of business data are assigned to concurrent logical units of work for helping prevent the logical units of work from interfering with each other.

### **Amendments to the Abstract**

Please replace the Abstract as follows so that the Abstract reflects the allowed claims:

#### **Abstract:**


~~A system, method and article of manufacture are provided~~ The present disclosure provides for implementing transaction services patterns. Logical requests are batched for reducing network traffic. A batched request is allowed to indicate that it depends on the response to another request. A single message is sent to all objects in a logical unit of work. Requests that are being unbatched from a batched message are sorted. Independent copies of business data are assigned to concurrent logical units of work for helping prevent the logical units of work from interfering with each other.

**REMARKS**

Applicant respectfully submits the above amendments to the specification to allow the Summary of the Invention and the Abstract to match the amended claims.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1901 (Reference No. 60021-327501).

Respectfully submitted,

By   
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